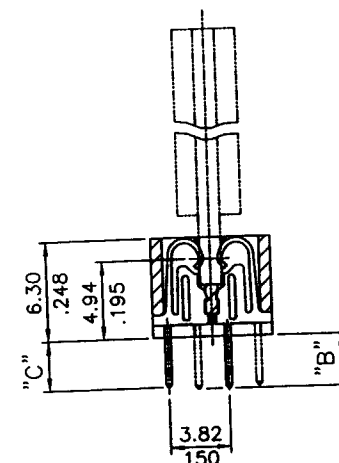
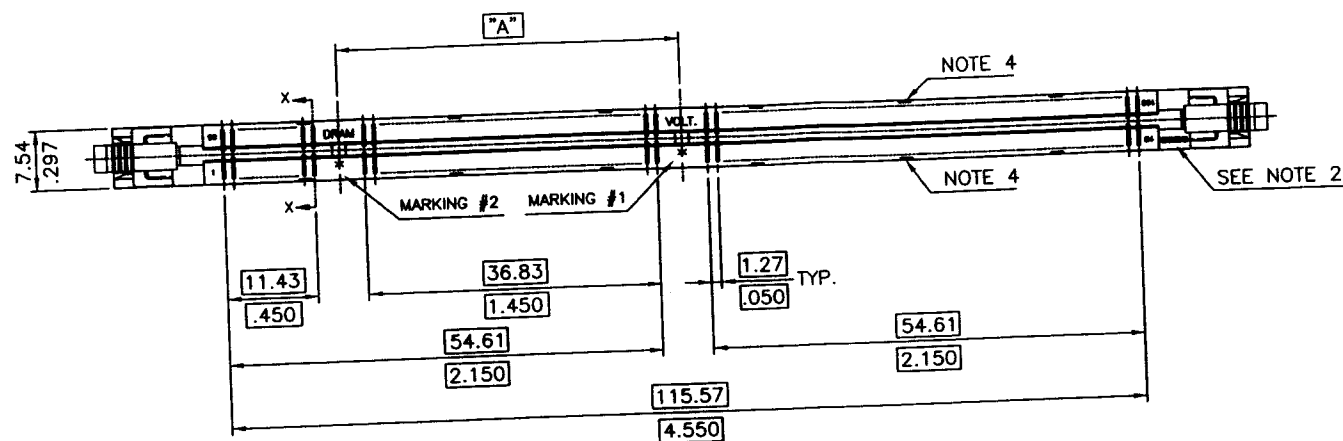
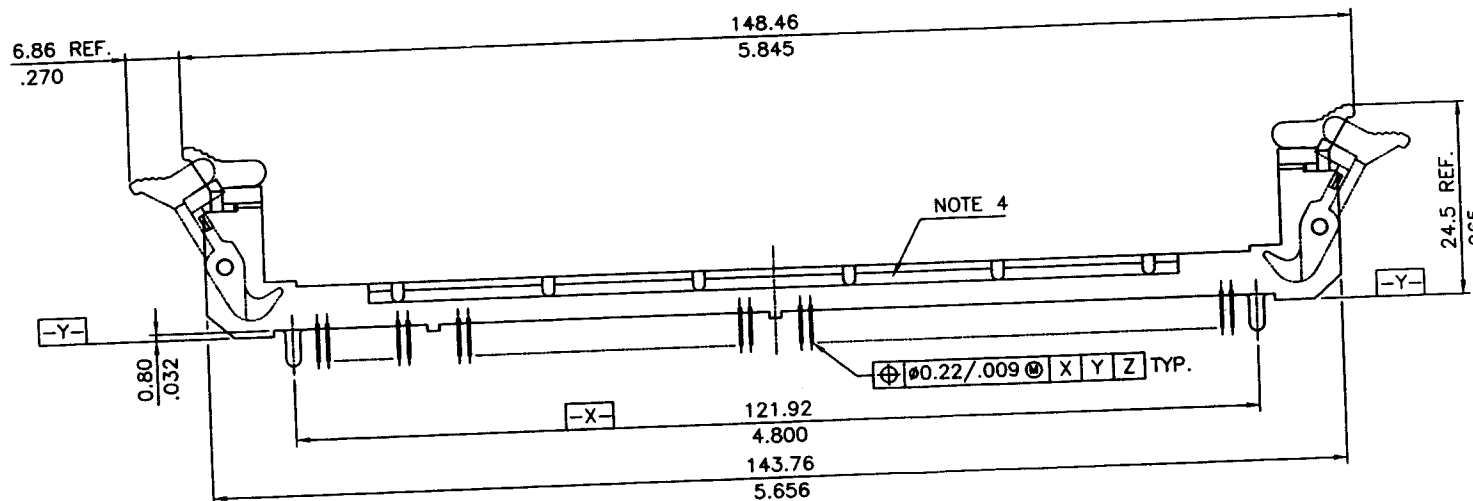
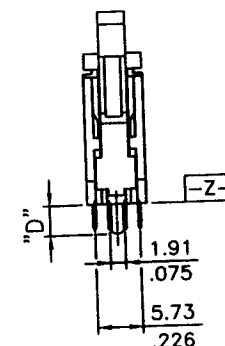


NOTE:

- 1.MATERIAL:  
HOUSING: LIQUID CRYSTAL POLYMER, GLASS FILLED UL94V-0  
RATED, COLOR BLACK OR NATURAL.  
EJECTOR: LIQUID CRYSTAL POLYMER OR OTHER HIGH  
PERFORMANCE RESINS, GLASS FILLED UL94V-0  
RATED, COLOR BLACK OR NATURAL.  
TERMINAL: PHOSPHOR BRONZE.
- 2.BERG LOGO TO BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
- 3.PRODUCT SPECIFICATION: GES-12-066.
- 4.FOR 91145-XXXXXP PARTS ONLY : BOTH SIDE SURFACE OF THE PLASTIC BODY  
ARE ALL FLAT, WITHOUT ANY MOLD CATCHING-UP MARK AS PRINT SPECIFIED.



SEC. X-X

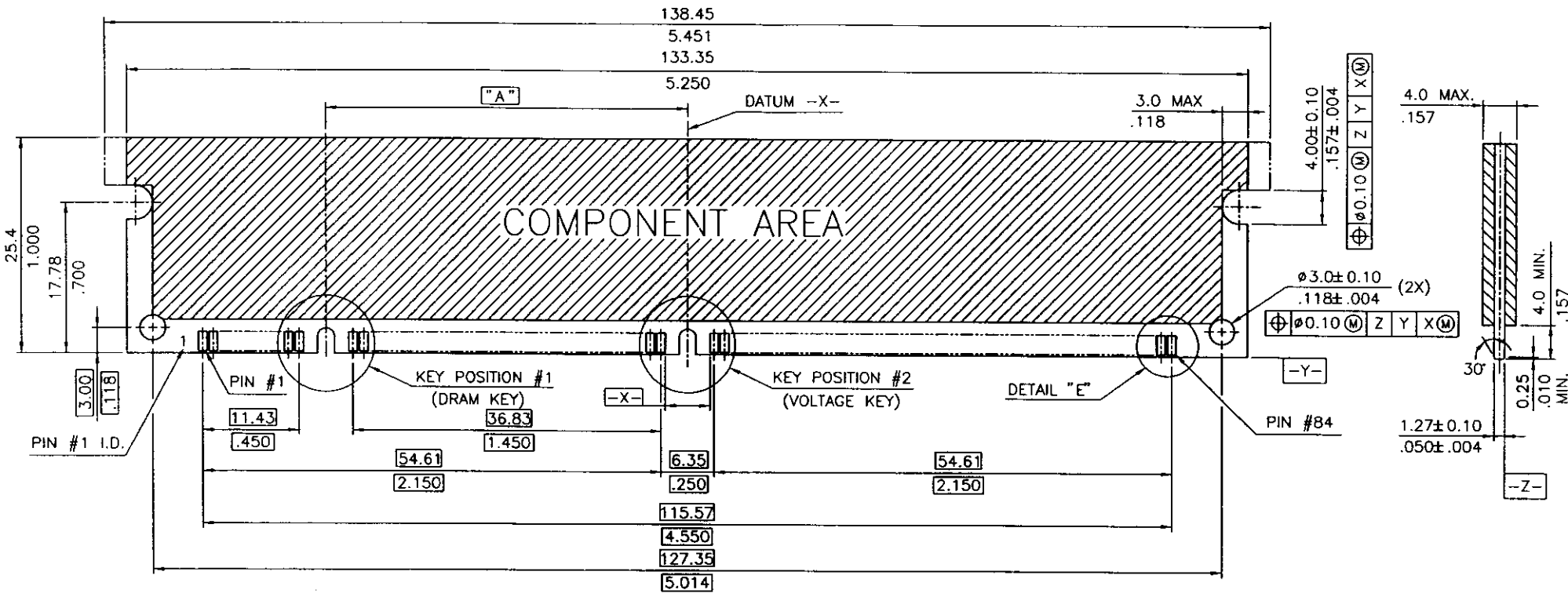


mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com			
rev.	ecn no.	dr	date	linear	.0 ±0.38/.015	projection		title DIMM .050" 1-ROW, 168P V/T ASSY			
H	T70114	A	H04/24/97		.00 ±0.25/.010						
J	T00048	M	W02/22/00		.000 ±0.13/.005						
C	T60263	A	H07/02/96	angles	± Z						
D	T60350	A	H08/28/96	dr	CATHY LIN 03/16/95	unit	mm/inch	product family DIMM			
E	T60477	A	H12/06/96	enr	CATHY LIN 03/16/95	size	dwg no.	code TWN			
F	T70070	A	H02/20/97	chr	WAYNE YU 03/16/95	scale	1.5 : 1	91145			
G	T70103	A	H03/13/97	appd	JENN TSAO 03/16/95			1 OF 4			
sheet	revision	J	H	H	J						
index	sheet	1	2	3	4						

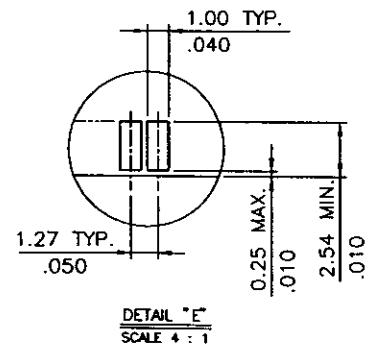
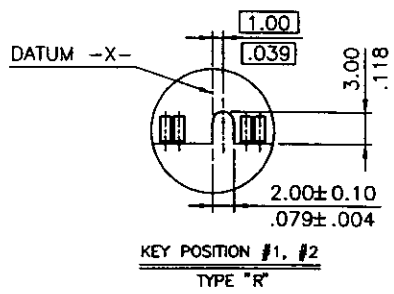
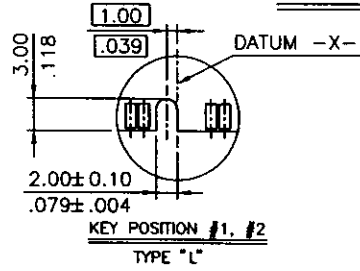
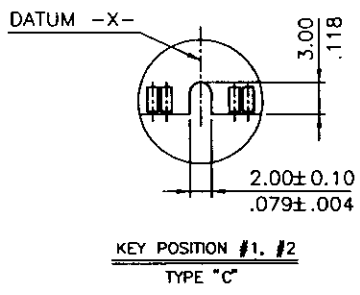
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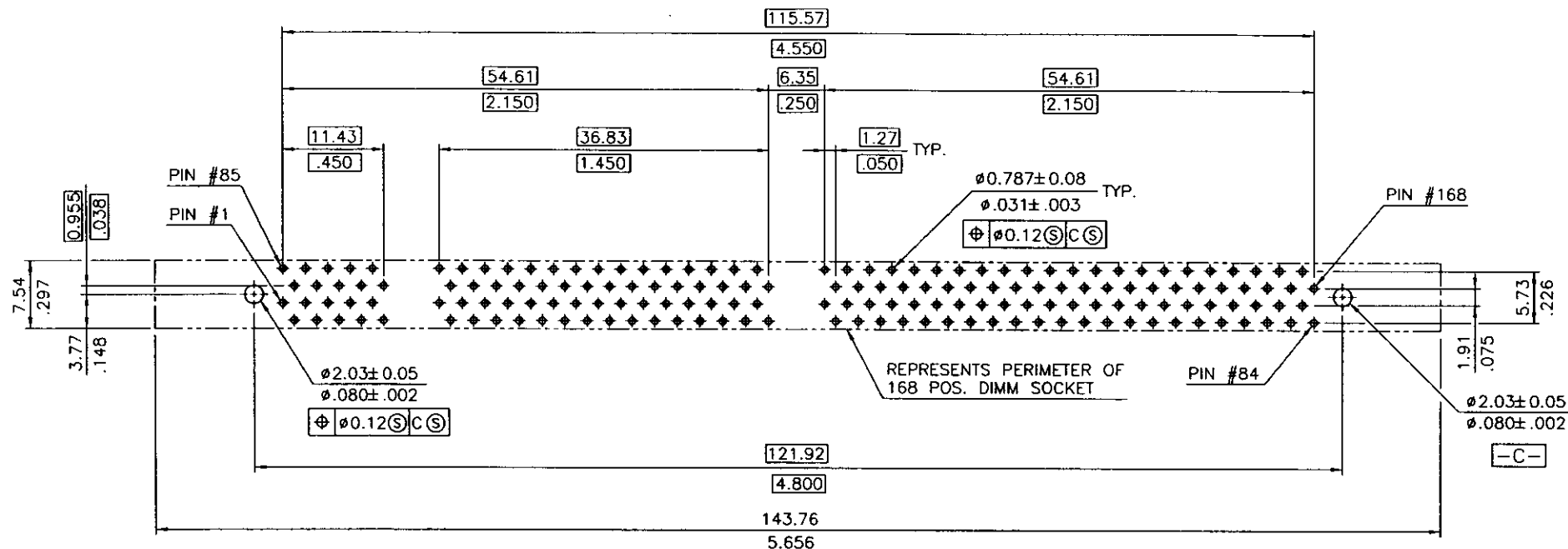


RECOMMENDED MODULE LAYOUT



TYPE "R"	TYPE "C"	42.18 1.661	FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT.
TYPE "L"	TYPE "C"	44.18 1.739	FOR OPEN, 3.3 VOLT.
TYPE "C"	TYPE "C"	43.18 1.700	FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.
TYPE "R"	TYPE "L"	41.18 1.621	FOR NON-STANDARD DRAM, 5.0 VOLT.
TYPE "L"	TYPE "L"	43.18 1.700	FOR SYNC DRAM, 5.0 VOLT.
TYPE "C"	TYPE "L"	42.18 1.661	FOR STANDARD DRAM, 5.0 VOLT.
KEY POS. #1	KEY POS. #2	DIM. "A"	DESCRIPTION

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
rev.	ecn.	no.	dr	date	linear	.0 ±0.30/.012	projection	title	
H						.00 ±0.20/.008		DIMM .050" 1-ROW, 168P V/T ASSY	
						.000±0.10/.004			
					angles	± Z			
					dr	CATHY LIN 03/16/95	unit	product family	
					enqr	CATHY LIN 03/16/95	mm/inch	code	
					chr	WAYNE YU 03/16/95	scale	TWN	
					oppd	JENN TSAO 03/16/95	2 : 1	sheet	
sheet		revision						2 OF 4	
index		sheet							



### RECOMMENDED CIRCUIT BOARD HOLE LAYOUT

## DIMM ASSEMBLY PART NUMBER

91145 - ☐ ☐ ☐ ☐ ☐ ☐

- CHAMFER STYLE:  
N: CHAMFER 3.44X4.0 (X,Y)  
M OR OTHERS: CHAMFER 3.44X3.0 (X,Y)

## PLATING

CODE	CONTACT	SOLDERTAIL	UNDERPLATE
1	150 $\mu$ " (3.81 $\mu$ m) MIN. TIN/LEAD	100 $\mu$ " (2.54 $\mu$ m) MIN. TIN/LEAD	50 $\mu$ " (1.27 $\mu$ m) MIN. NICKEL OVERALL
2	15 $\mu$ " (0.38 $\mu$ m) MIN. GOLD		
3	30 $\mu$ " (0.76 $\mu$ m) MIN. GOLD		
4	3 $\mu$ " (0.076 $\mu$ m) MIN. GOLD		
5	15 $\mu$ " (0.38 $\mu$ m) MIN. GXT		
6	30 $\mu$ " (0.76 $\mu$ m) MIN. GXT		
7	60 $\mu$ " (1.52 $\mu$ m) MIN. GXT		

COLOR OF HOUSING AND EJECTOR

- 0 : BLACK HOUSING + IVORY EJECTOR  
1 : IVORY HOUSING + BLACK EJECTOR  
2 : IVORY HOUSING + IVORY EJECTOR  
3 : BLACK HOUSING + NATURAL EJECTOR (HI TEMPERATURE NYLON)

## STYLE

- ```

1 : FOR STANDARD DRAM, 5.0 VOLT.
2 : FOR SYNC DRAM, 5.0 VOLT.
3 : FOR NON-STANDARD DRAM, 5.0 VOLT.
4 : FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.
5 : FOR OPEN, 3.3 VOLT.
6 : FOR UNBUFFERED DRAM, SYNC DRAM,
  REGISTERED SDRAM, 3.3 VOLT.

```

PEG TYPE



- 0 : Ø2.03/.080 PEG + DIM."D"=3.04/.120.  
1 : Ø2.03/.080 PEG + DIM."D"=3.80/.150.

TAIL LENGTH

| CODE | DIM. "B"     | DIM. "C"     |
|------|--------------|--------------|
| 0    | 2.54<br>.100 | 2.39<br>.094 |
| 1    | 3.30<br>.130 | 3.15<br>.124 |

| 1            |                | 2            |              | 3            |               | 4     |               | 5     |                                                             | 6          |            |  |  |  |
|--------------|----------------|--------------|--------------|--------------|---------------|-------|---------------|-------|-------------------------------------------------------------|------------|------------|--|--|--|
| PROD. NO.    | DIM."A"        | DIM."B"      | DIM."C"      | DIM."D"      | HOUSING COLOR | RESIN | EJECTOR COLOR | RESIN | STYLE                                                       | MARKING #2 | MARKING #1 |  |  |  |
| 91145-1000** | 42.18<br>1.661 | 2.54<br>.100 | 2.39<br>.094 | 3.04<br>.120 | BLACK         | LCP   | IVORY         | LCP   | FOR STANDARD DRAM, 5 VOLT.                                  | STD        | 5.0        |  |  |  |
| 91145-1001** |                |              |              |              | BLACK         |       | IVORY         |       |                                                             |            |            |  |  |  |
| 91145-1002** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-1003** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |
| 91145-1110** | 43.18<br>1.700 | 3.30<br>.130 | 3.15<br>.124 | 3.80<br>.150 | BLACK         |       | IVORY         | LCP   | FOR SYNC DRAM, 5 VOLT.                                      | SYNC       | 5.0        |  |  |  |
| 91145-1111** |                |              |              |              | IVORY         |       | BLACK         |       |                                                             |            |            |  |  |  |
| 91145-1112** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-1113** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |
| 91145-2000** | 41.18<br>1.621 | 2.54<br>.100 | 2.39<br>.094 | 3.04<br>.120 | BLACK         |       | IVORY         | LCP   | FOR NON-STANDARD DRAM, 5 VOLT.                              | NONE       | 5.0        |  |  |  |
| 91145-2001** |                |              |              |              | IVORY         |       | BLACK         |       |                                                             |            |            |  |  |  |
| 91145-2002** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-2003** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |
| 91145-3110** | 43.18<br>1.700 | 3.30<br>.130 | 3.15<br>.124 | 3.80<br>.150 | BLACK         |       | IVORY         | LCP   | FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.                      | STD        | 3.3        |  |  |  |
| 91145-3111** |                |              |              |              | IVORY         |       | BLACK         |       |                                                             |            |            |  |  |  |
| 91145-3112** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-3113** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |
| 91145-4000** | 44.18<br>1.739 | 2.54<br>.100 | 2.39<br>.094 | 3.04<br>.120 | BLACK         |       | IVORY         | LCP   | FOR OPEN, 3.3 VOLT.                                         | NO MARKING | 3.3        |  |  |  |
| 91145-4001** |                |              |              |              | IVORY         |       | BLACK         |       |                                                             |            |            |  |  |  |
| 91145-4002** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-4003** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |
| 91145-5110** | 42.18<br>1.661 | 3.30<br>.130 | 3.15<br>.124 | 3.80<br>.150 | BLACK         |       | IVORY         | LCP   | FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT. | NONE       | 3.3        |  |  |  |
| 91145-5111** |                |              |              |              | IVORY         |       | BLACK         |       |                                                             |            |            |  |  |  |
| 91145-5112** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-5113** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |
| 91145-6010** | 42.18<br>1.661 | 3.30<br>.130 | 3.15<br>.124 | 3.04<br>.120 | BLACK         |       | IVORY         | LCP   | FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT. | NONE       | 3.3        |  |  |  |
| 91145-6011** |                |              |              |              | IVORY         |       | BLACK         |       |                                                             |            |            |  |  |  |
| 91145-6012** |                |              |              |              | IVORY         |       | IVORY         | NYLON |                                                             |            |            |  |  |  |
| 91145-6013** |                |              |              |              | BLACK         |       | NATURAL       |       |                                                             |            |            |  |  |  |

REMARK: 1. PROD. NO. MARK "\*" SEE ABOVE PART NO. PLATING CODE DESCRIPTION.  
2. SEE DESCRIPTION UNDER PLATING FOR THE MARK "\*" IN THE COLUMN OF TERMINAL PART NO.

|            |          |                                      |      |               |                    |                                                                                                                                                                            |                                                                                       |
|------------|----------|--------------------------------------|------|---------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| mat'l code |          | tolerance unless otherwise specified |      | CUSTOMER COPY |                    |  <b>Electronics</b><br>FCI <a href="http://www.fciconnect.com">www.fciconnect.com</a> |                                                                                       |
| rev.       | ecn no.  | dr                                   | date | linear        | .0 ±0.38/.015      | projection                                                                                                                                                                 |  |
| J          |          |                                      |      |               | .00 ±0.25/.010     | title                                                                                                                                                                      |                                                                                       |
|            |          |                                      |      | angles        | .000±0.13/.005     | size                                                                                                                                                                       | DIMM .050" 1-ROW,<br>168P V/T ASS'Y                                                   |
|            |          |                                      |      | dr            | ± 2'               | unit                                                                                                                                                                       |                                                                                       |
|            |          |                                      |      | enr           | CATHY LIN 03/16/95 | mm/inch                                                                                                                                                                    | product family                                                                        |
|            |          |                                      |      | chr           | CATHY LIN 03/16/95 | scale                                                                                                                                                                      | DIMM                                                                                  |
|            |          |                                      |      | appd          | WAYNE YU 03/16/95  | 1 : 1                                                                                                                                                                      | code                                                                                  |
|            |          |                                      |      |               | JENN TSAO 03/16/95 |                                                                                                                                                                            | TWN                                                                                   |
| sheet      | revision |                                      |      |               |                    |                                                                                                                                                                            | sheet                                                                                 |
| index      | sheet    |                                      |      |               |                    |                                                                                                                                                                            | 4 OF 4                                                                                |